Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025890.D
Acq On : 29 Sep 2025 21:15
Operator : CG/JU
Sample : Q3231-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

Quant Time: Sep 30 05:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	232868	20.000	ng		-0.01
21) Naphthalene-d8	10.513	136	909928	20.000	ng		-0.01
39) Acenaphthene-d10	14.372	164	562585	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	947380	20.000	ng		-0.01
76) Chrysene-d12	21.613	240	958441	20.000	ng		-0.03
86) Perylene-d12	24.965	264	1100415	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	55020	3.812	ng		0.01
7) Phenol-d6	6.960	99	195140	10.173	ng		0.01
23) Nitrobenzene-d5	8.896	82	132721	6.434	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	9529	1.358	ng		0.00
45) 2-Fluorobiphenyl	12.972	172	332092	7.860	ng		-0.02
79) Terphenyl-d14	19.895	244	425308	7.983	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.566	128	1063244	21.671	ng		99
33) 4-Chloroaniline	10.566	127	139643	6.828	ng	#	30
37) 2-Methylnaphthalene	12.178	142	195586	6.207	ng		97
38) 1-Methylnaphthalene	12.395	142	115223	3.429	ng		97
54) 2,4-Dinitrophenol	14.472	184	179	4.853	ng	#	1
56) 4-Nitrophenol	14.607	139	511	4.541	ng	#	58
71) Phenanthrene	17.219	178	141895	2.640	ng		99
72) Anthracene	17.219	178	141895	2.602	ng		98
75) Fluoranthene	19.307	202	243768	3.782	ng		99
78) Pyrene	19.677	202	273733	4.280	ng		99
83) Chrysene	21.660	228	152723	2.442	ng	#	94
88) Benzo(b)fluoranthene	23.913	252	185121	2.751	ng	#	86

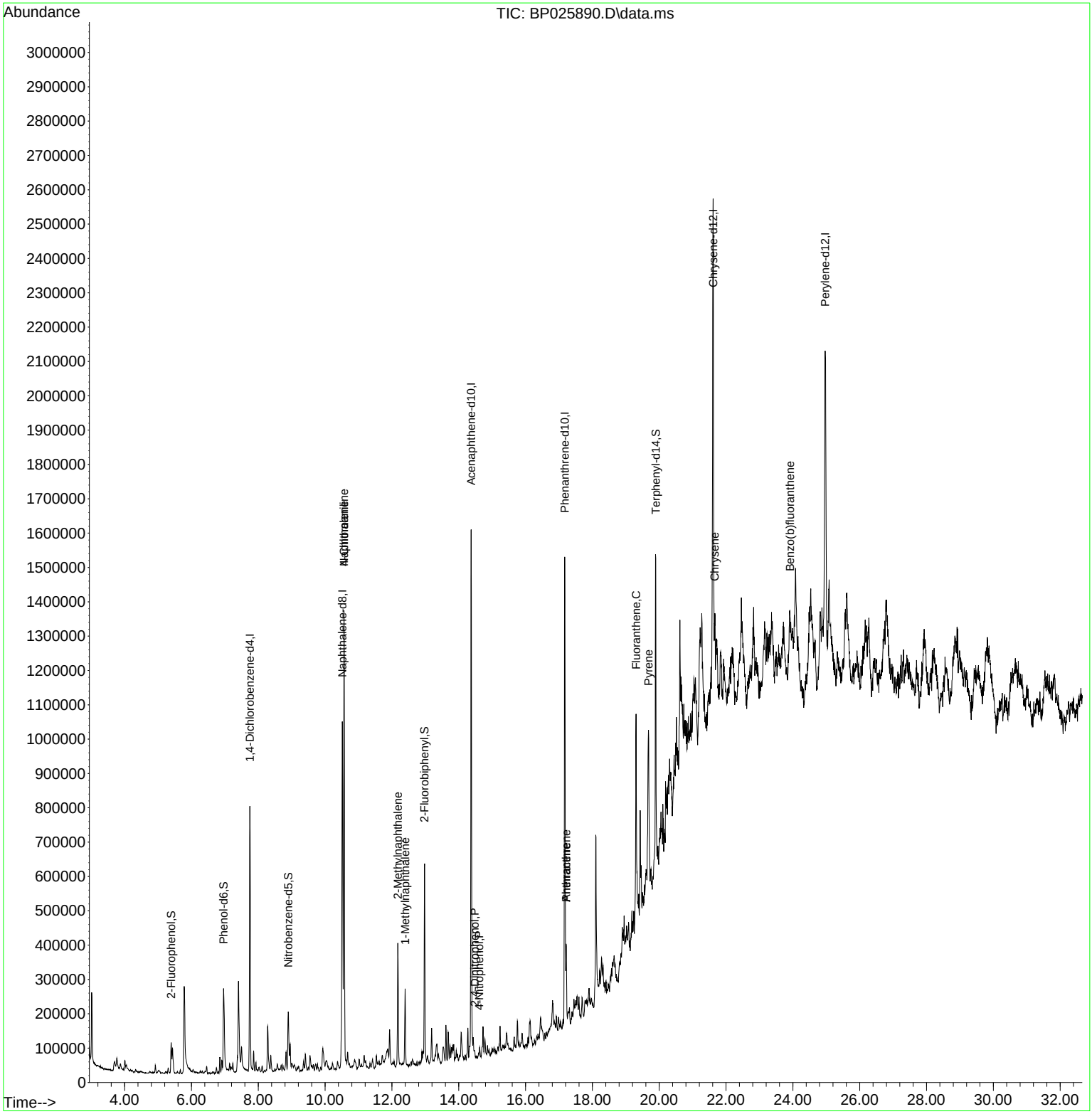
(#) = qualifier out of range (m) = manual integration (+) = signals summed

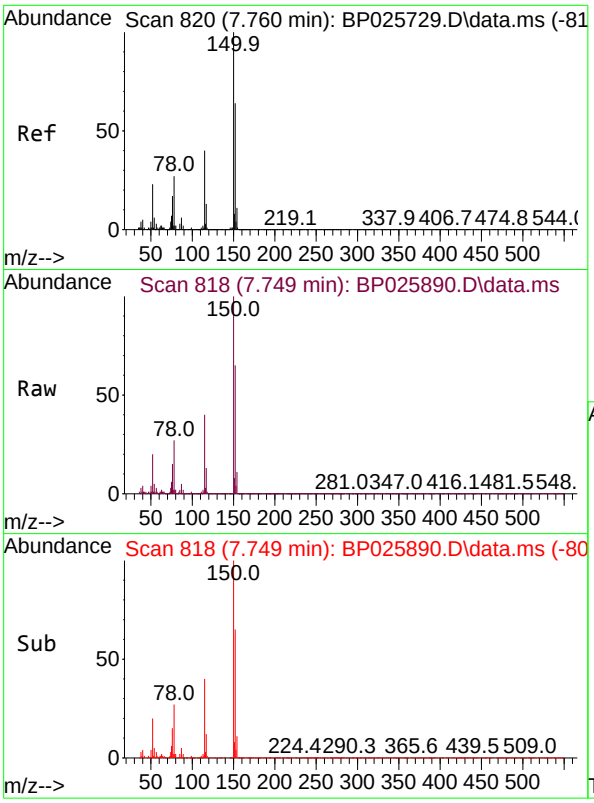
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025890.D
Acq On : 29 Sep 2025 21:15
Operator : CG/JU
Sample : Q3231-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

Quant Time: Sep 30 05:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



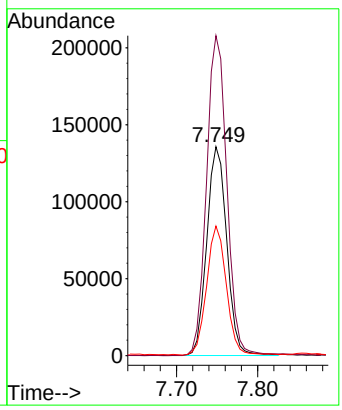


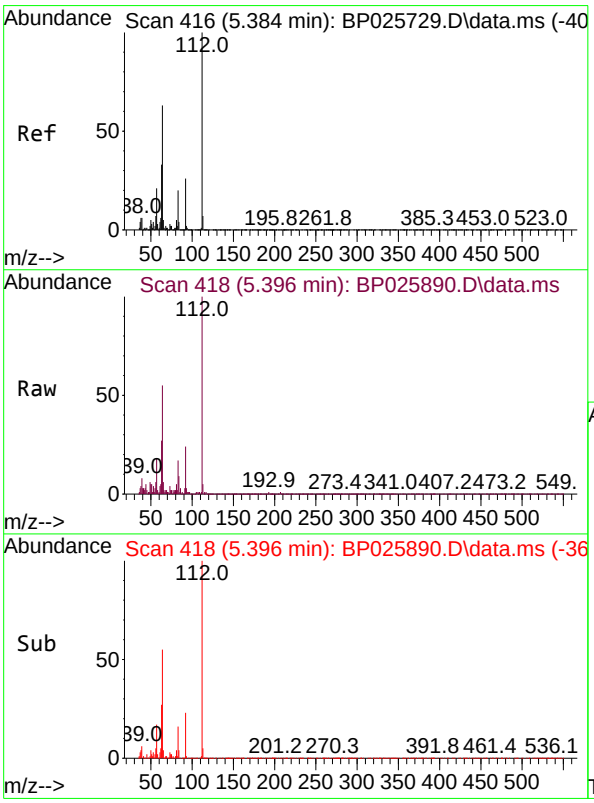
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 232868

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.3	186.5
115	62.0	50.3	75.5

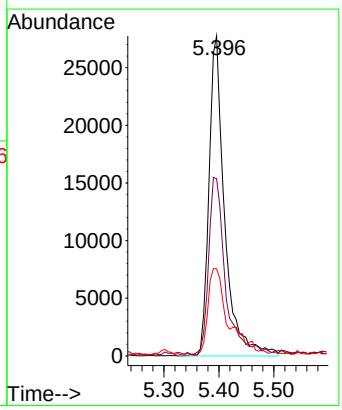


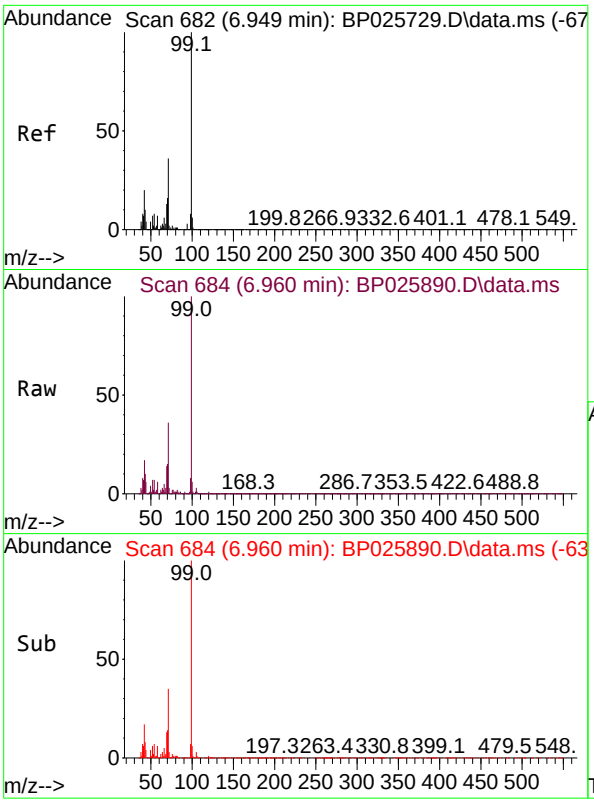


#5
2-Fluorophenol
Concen: 3.812 ng
RT: 5.396 min Scan# 418
Delta R.T. 0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:112 Resp: 55020

Ion	Ratio	Lower	Upper
112	100		
64	55.4	50.2	75.4
63	27.2	26.7	40.1



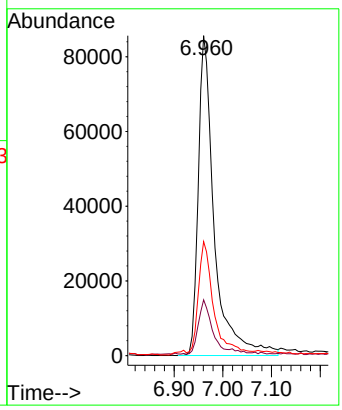


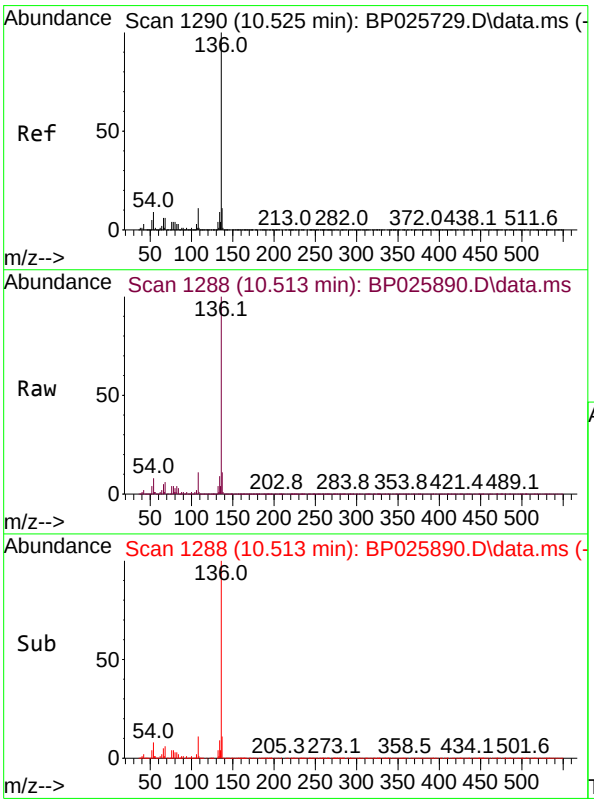
#7
Phenol-d6
Concen: 10.173 ng
RT: 6.960 min Scan# 68
Delta R.T. 0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 195140

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.6	23.4
71	35.6	28.6	43.0

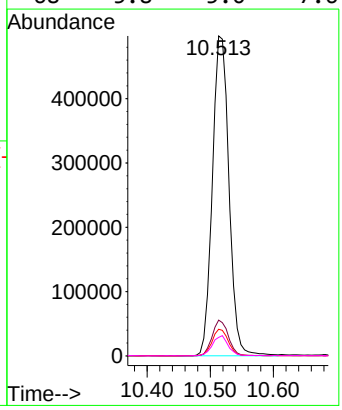


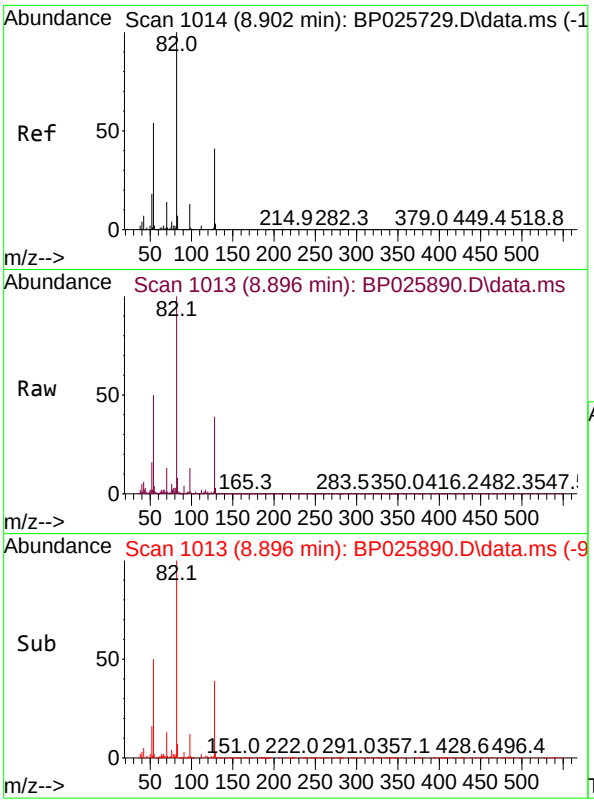


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:136 Resp: 909928

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.3	7.5	11.3
68	5.8	5.0	7.6



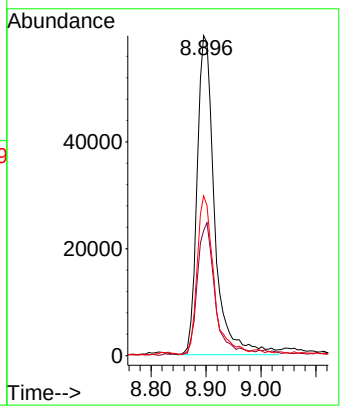


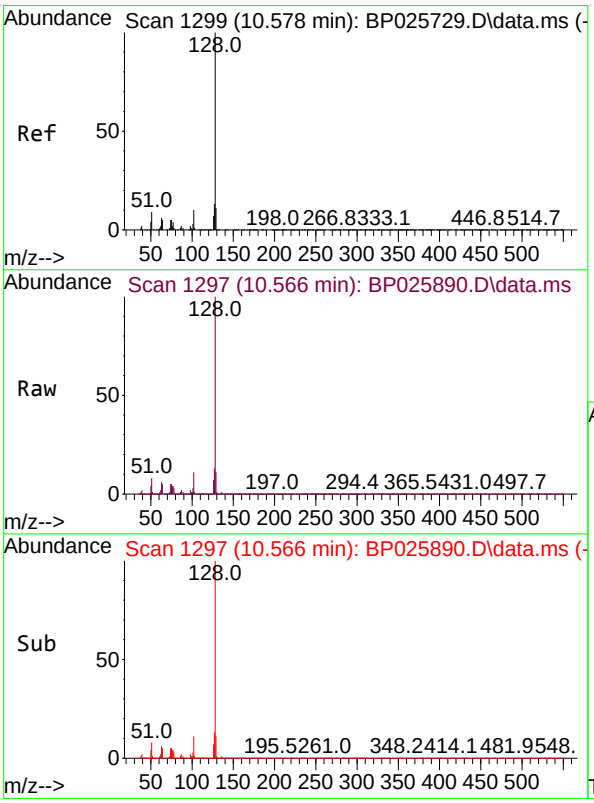
#23
Nitrobenzene-d5
Concen: 6.434 ng
RT: 8.896 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion: 82 Resp: 132721

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.9	49.3
54	49.9	43.4	65.2

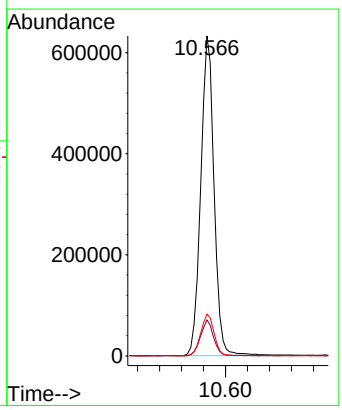


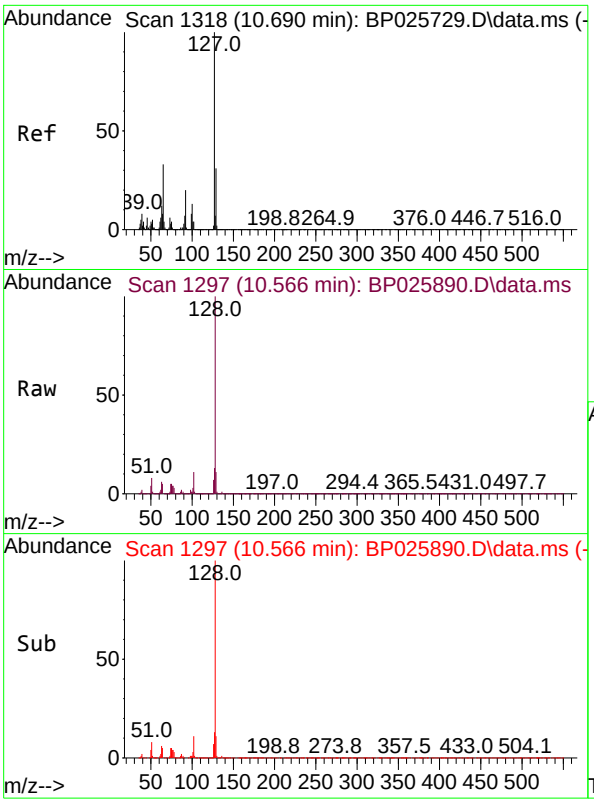


#31
Naphthalene
Concen: 21.671 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:128 Resp: 1063244

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.0	10.2	15.4



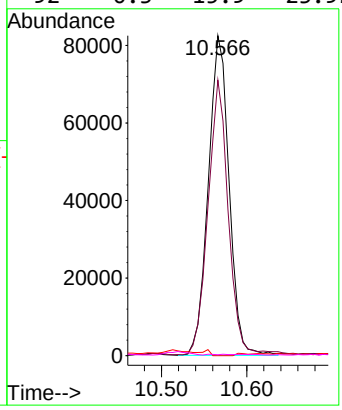


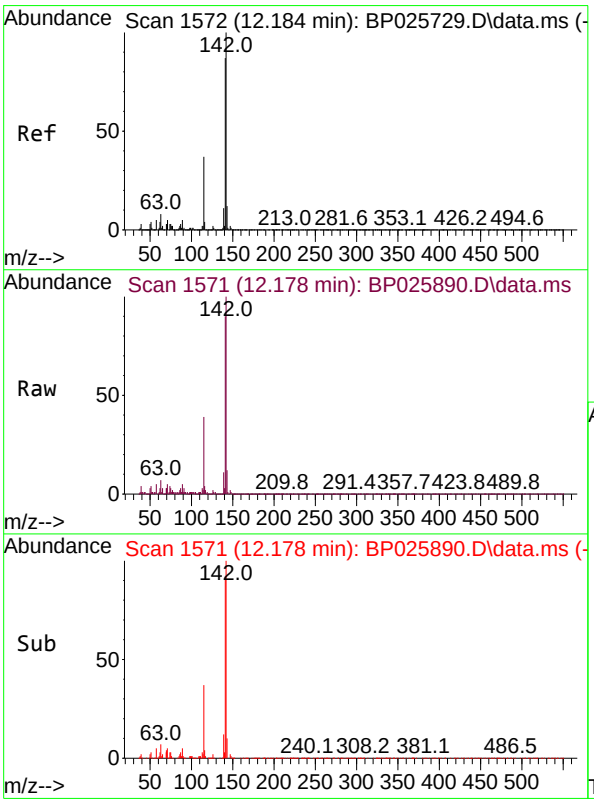
#33
4-Chloroaniline
Concen: 6.828 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.124 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:127 Resp: 139643

Ion	Ratio	Lower	Upper
127	100		
129	86.1	25.1	37.7#
65	0.0	26.4	39.6#
92	0.3	15.9	23.9#

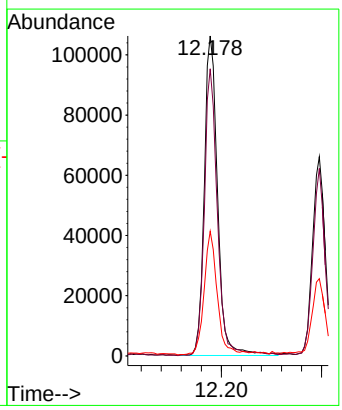


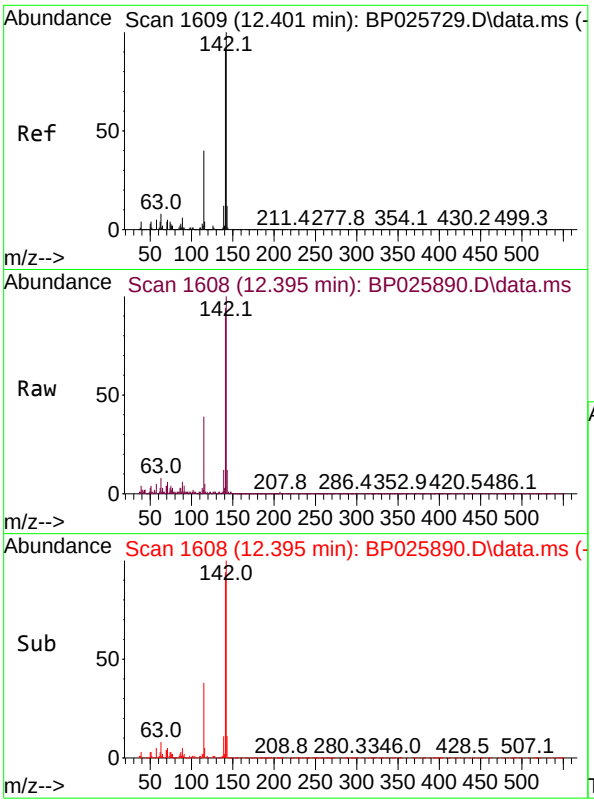


#37
2-Methylnaphthalene
Concen: 6.207 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:142 Resp: 195586

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.6	104.4
115	38.9	30.0	45.0



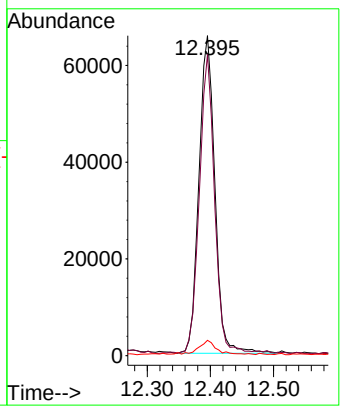


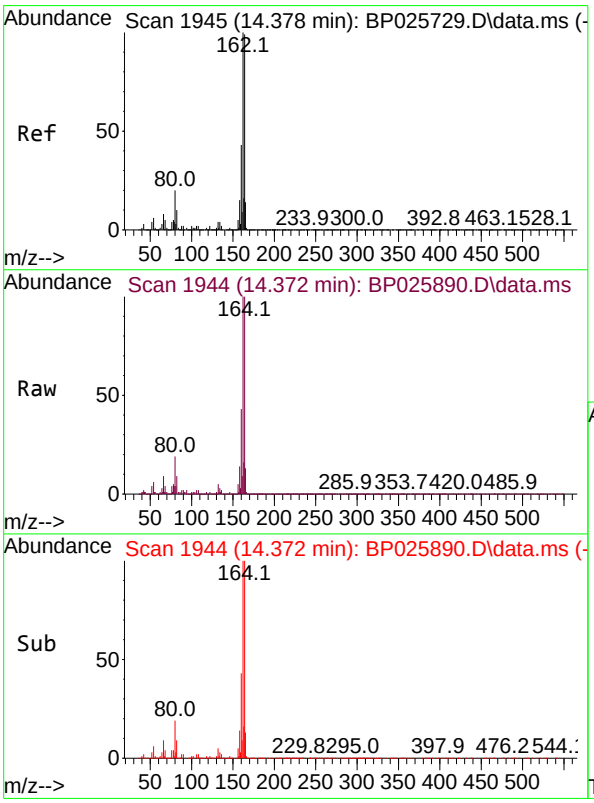
#38
1-Methylnaphthalene
Concen: 3.429 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:142 Resp: 115223

Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.7	109.1
116	4.8	3.5	5.3

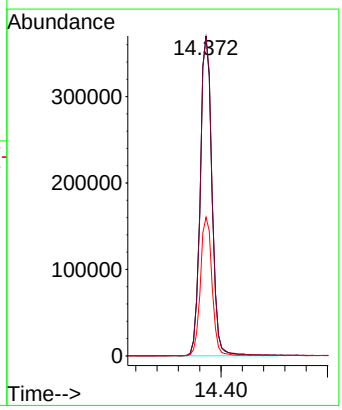


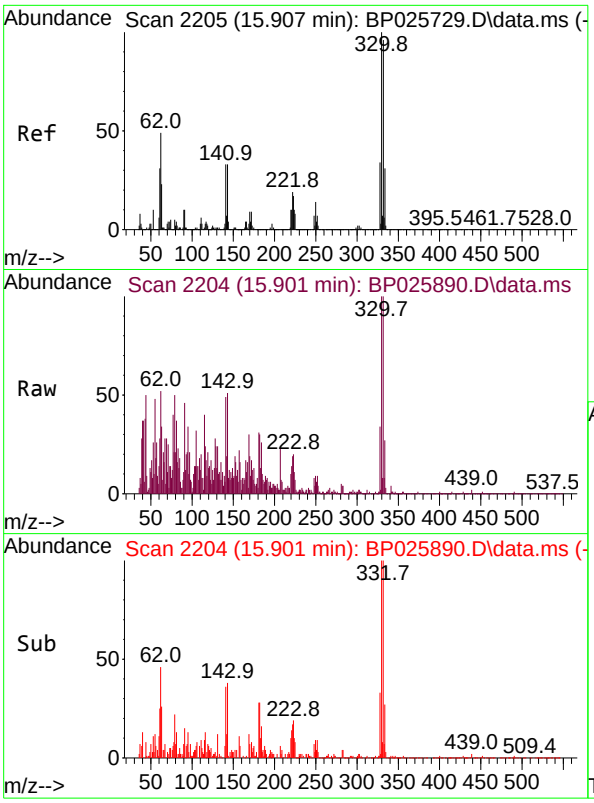


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:164 Resp: 562585

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	43.3	35.0	52.6



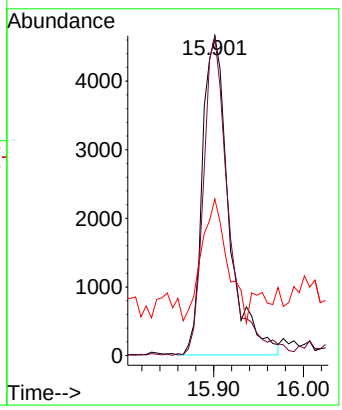


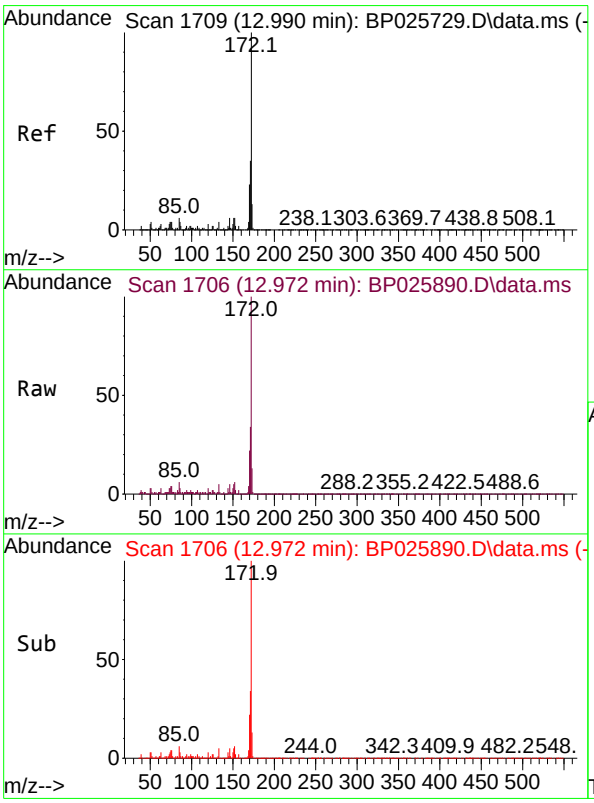
#42
2,4,6-Tribromophenol
Concen: 1.358 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:330 Resp: 9529

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	37.8	31.0	46.4

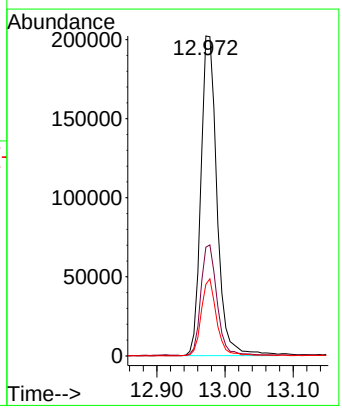


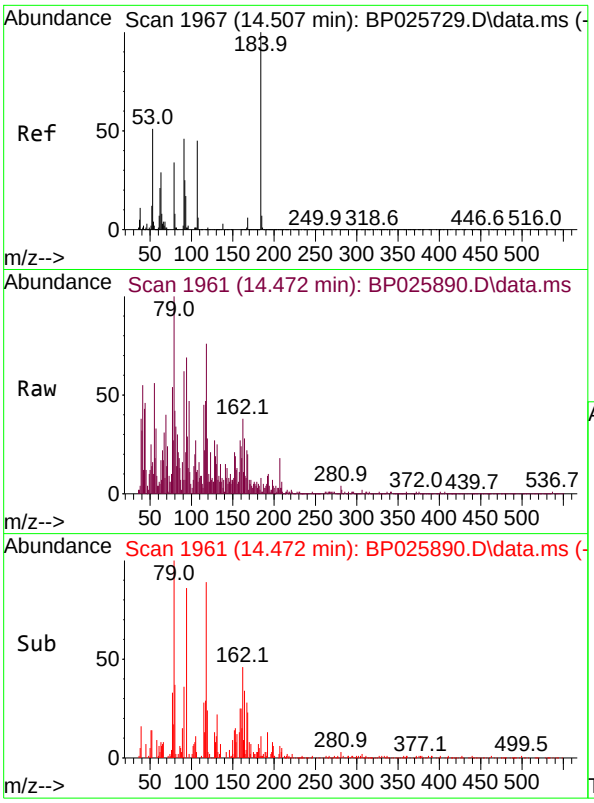


#45
2-Fluorobiphenyl
Concen: 7.860 ng
RT: 12.972 min Scan# 1706
Delta R.T. -0.018 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:172 Resp: 332092

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.4	18.6	27.8



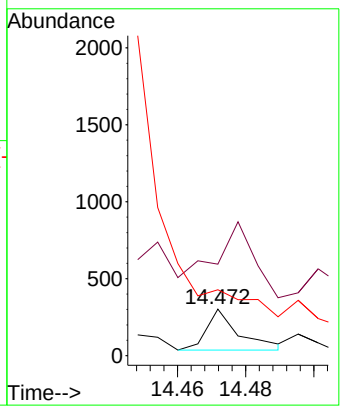


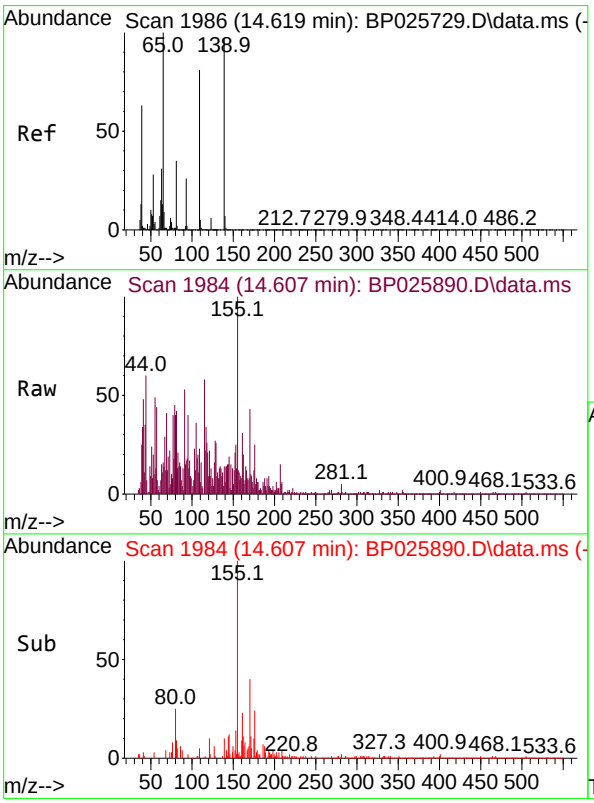
#54
2,4-Dinitrophenol
Concen: 4.853 ng
RT: 14.472 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:184 Resp: 179

Ion	Ratio	Lower	Upper
184	100		
63	197.0	52.5	78.7#
154	141.7	51.5	77.3#

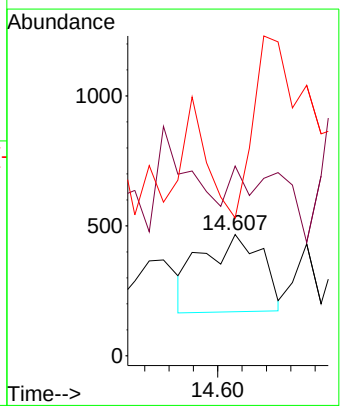


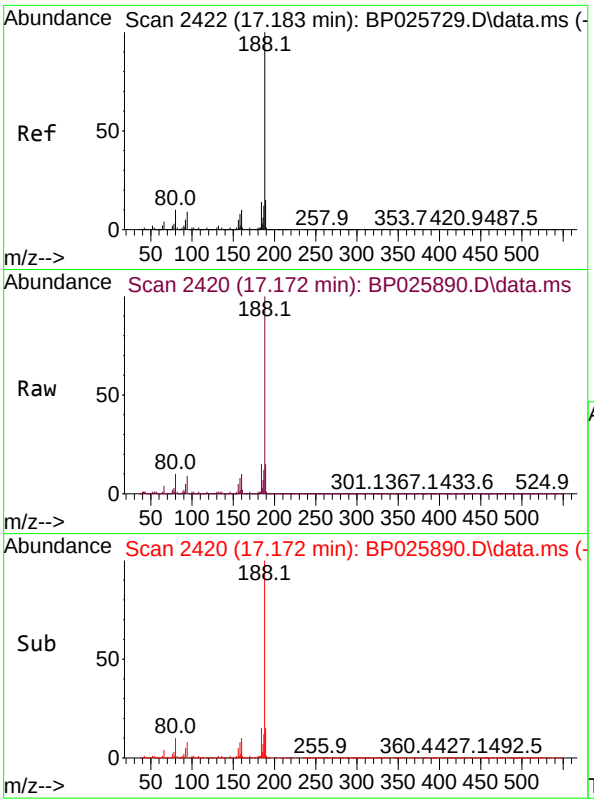


#56
4-Nitrophenol
Concen: 4.541 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:139 Resp: 511

Ion	Ratio	Lower	Upper
139	100		
109	156.3	62.9	102.9#
65	113.7	83.4	123.4



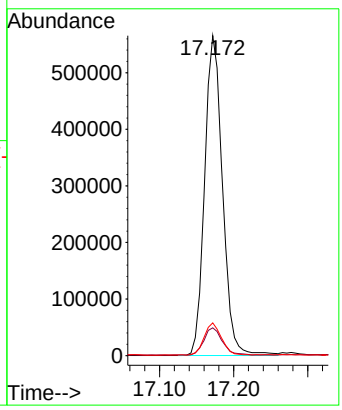


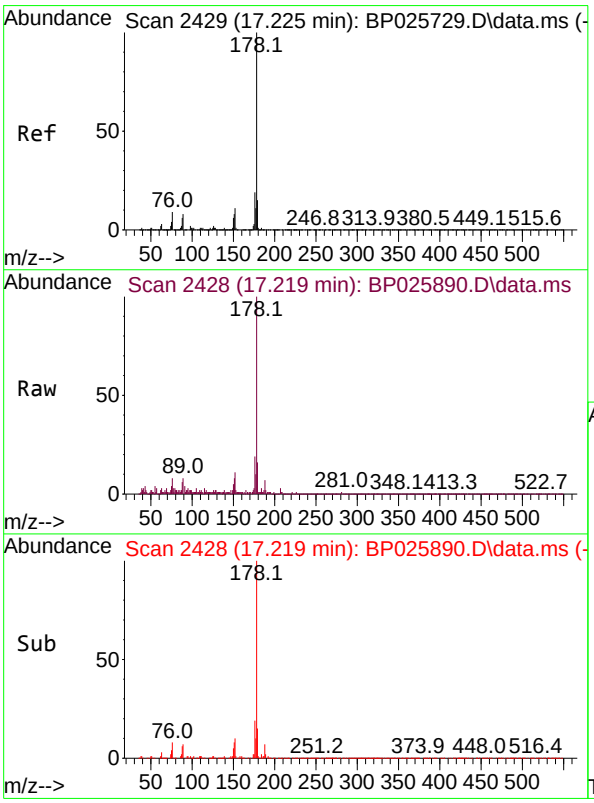
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:188 Resp: 947380

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	10.2	7.7	11.5

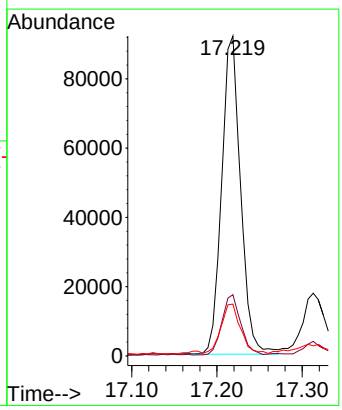


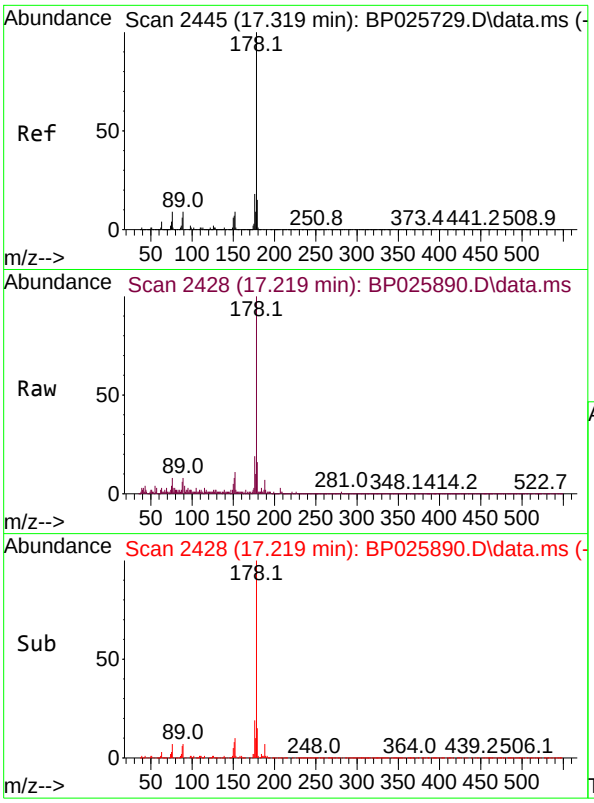


#71
Phenanthrene
Concen: 2.640 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:178 Resp: 141895

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.2	12.2	18.4



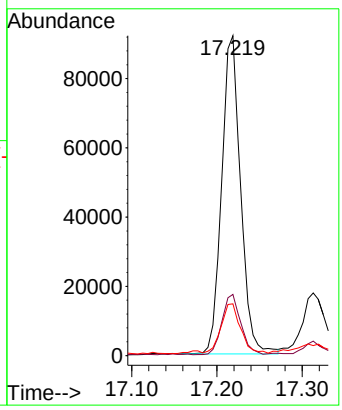


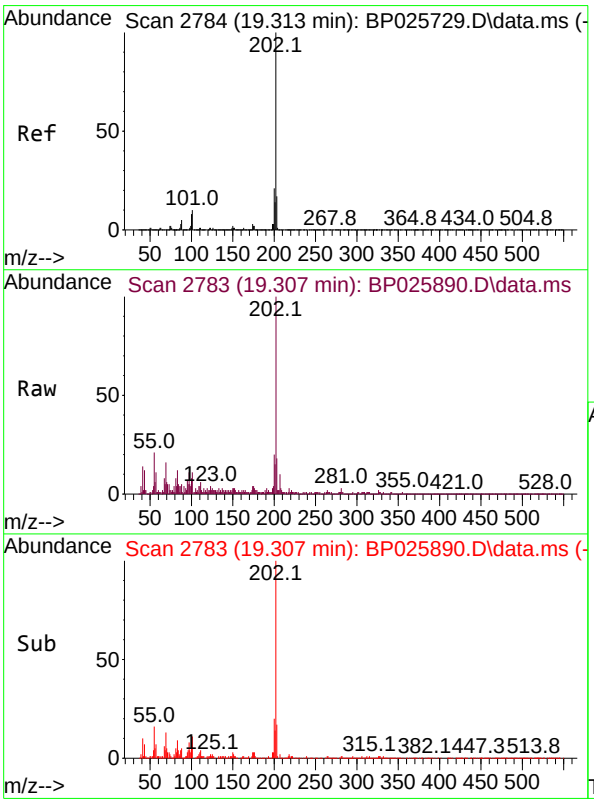
#72
Anthracene
Concen: 2.602 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.100 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:178 Resp: 141895

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	16.2	12.2	18.4

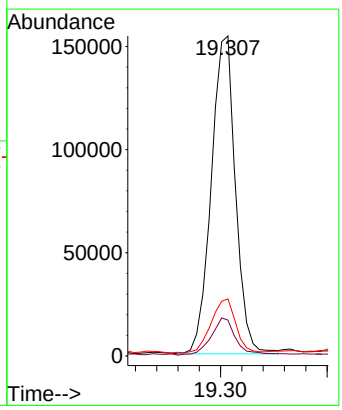


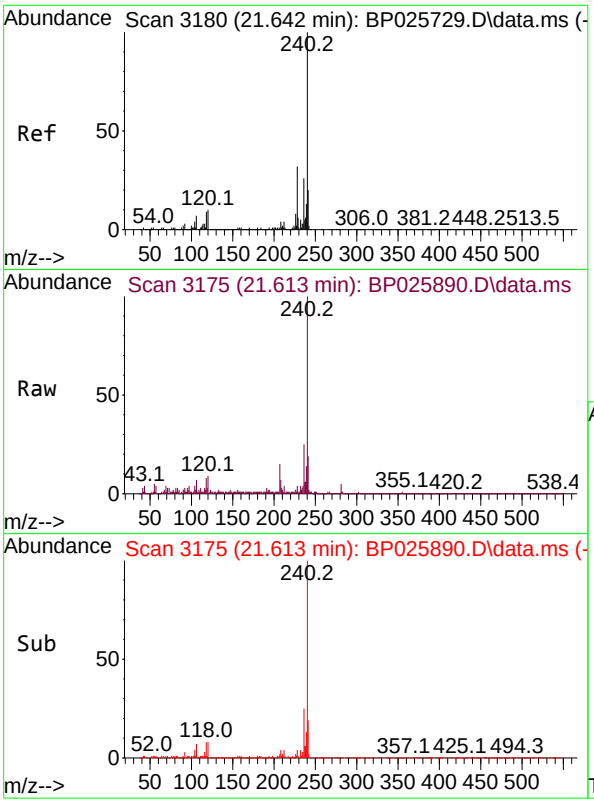


#75
Fluoranthene
Concen: 3.782 ng
RT: 19.307 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:202 Resp: 243768

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	17.8	0.0	37.4



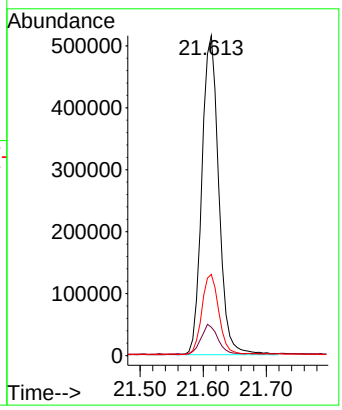


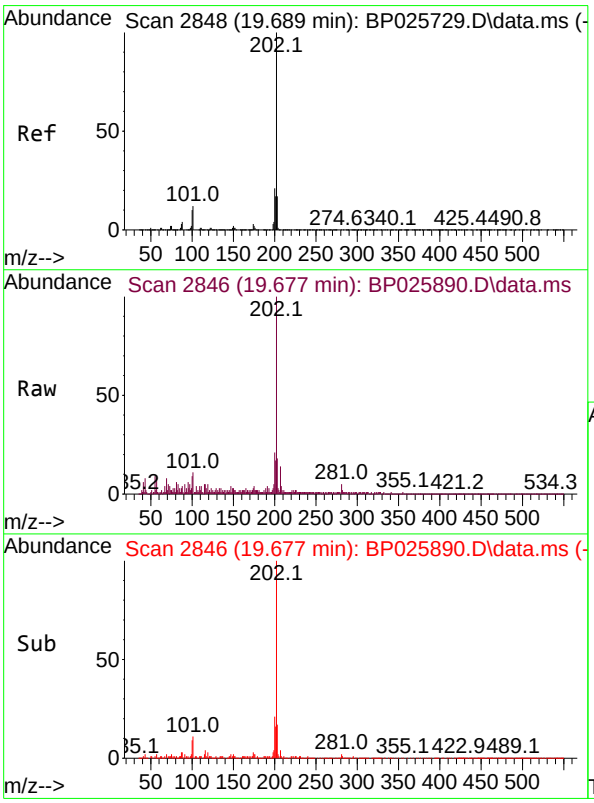
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:240 Resp: 958441

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.0	12.0
236	25.4	20.7	31.1

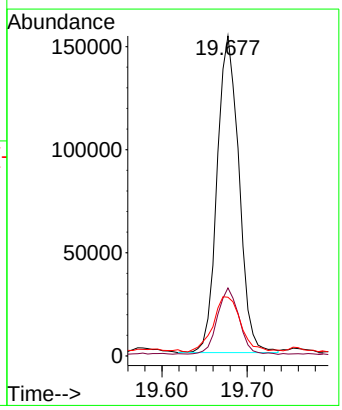


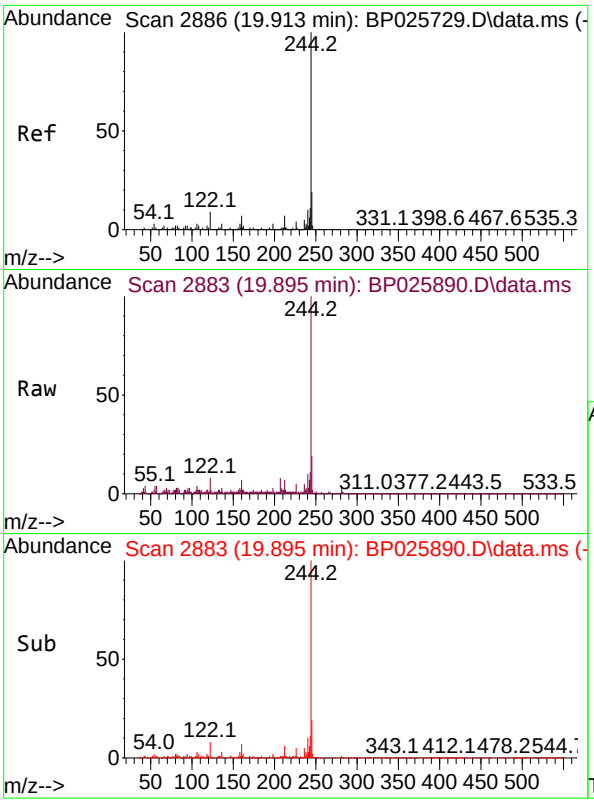


#78
Pyrene
Concen: 4.280 ng
RT: 19.677 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:202 Resp: 273733

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	18.3	13.9	20.9



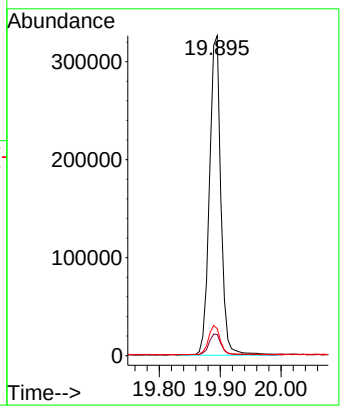


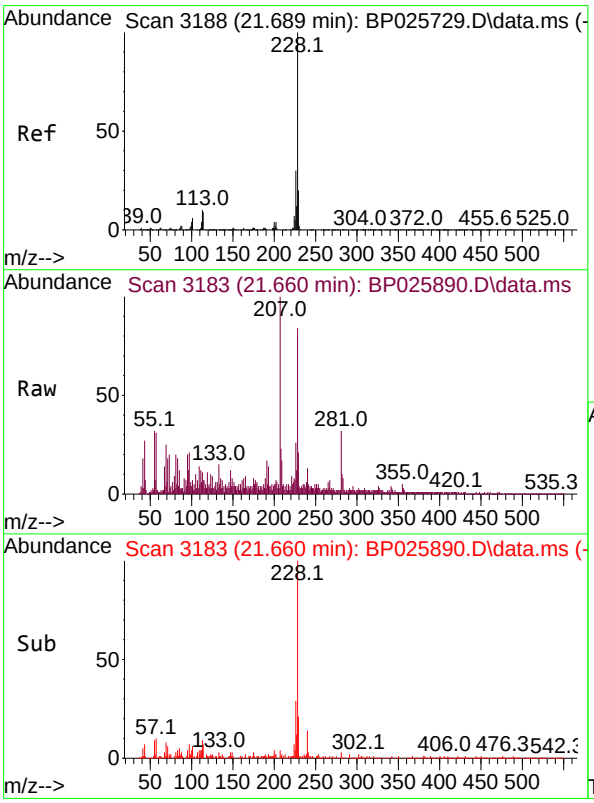
#79
Terphenyl-d14
Concen: 7.983 ng
RT: 19.895 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:244 Resp: 425308

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	8.4	7.1	10.7

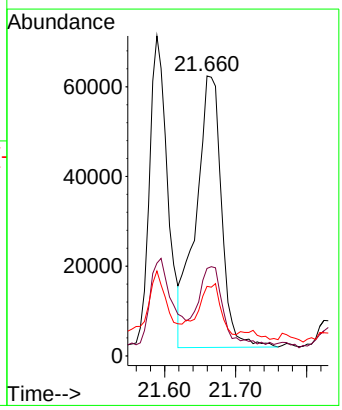


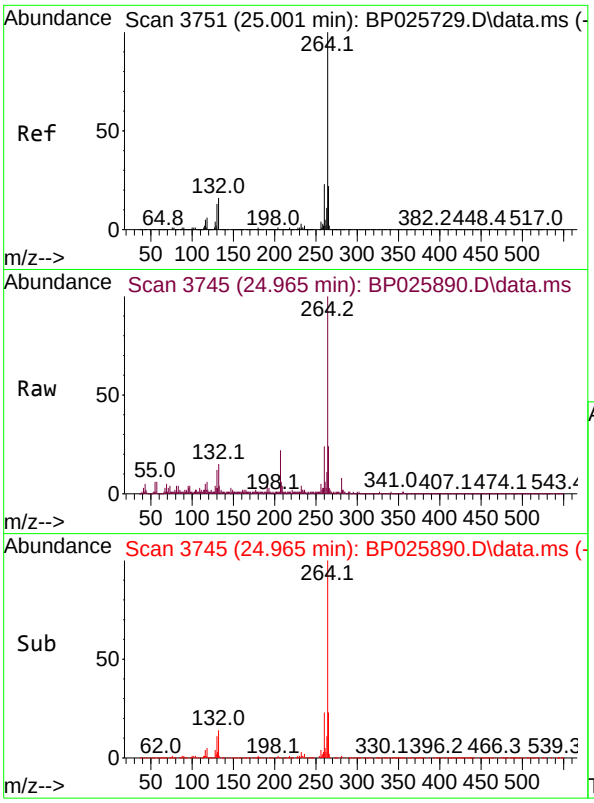


#83
Chrysene
Concen: 2.442 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.029 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:228 Resp: 152723

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	24.9	15.6	23.4#



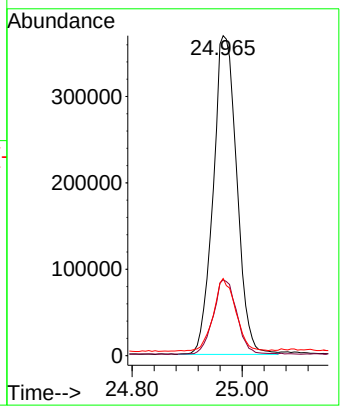


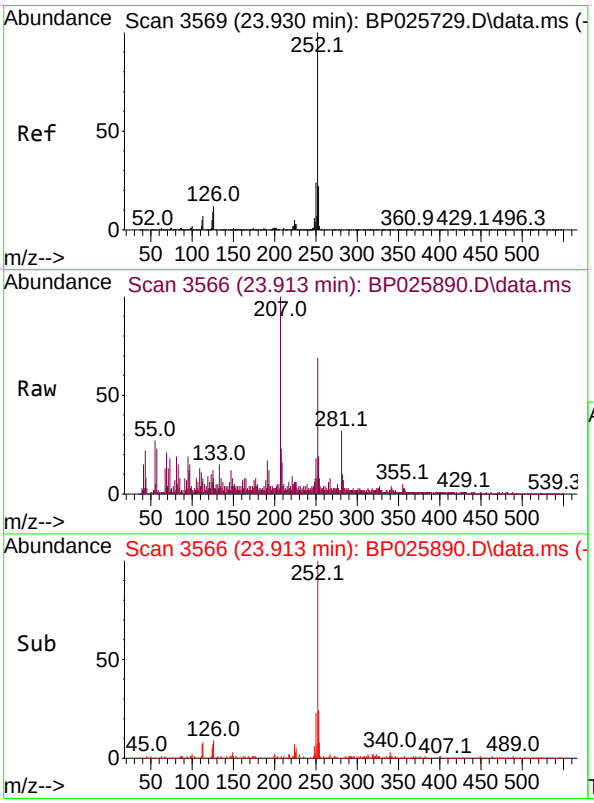
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.965 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 1100415

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	24.1	17.3	25.9





#88
Benzo(b)fluoranthene
Concen: 2.751 ng
RT: 23.913 min Scan# 3566
Delta R.T. -0.018 min
Lab File: BP025890.D
Acq: 29 Sep 2025 21:15

Tgt Ion:252 Resp: 185121

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.9	26.9#
125	17.0	7.3	10.9#